Amendments to the Claims

Please amend Claims 1, 12, 22, and 33, all as shown below.

1. (Currently Amended) An interactive tool for viewing and manipulating a virtual content repository (VCR) having an application program interface (API), comprising:

providing a first graphical user interface (GUI) configured to present a hierarchical namespace that spans information in a plurality of content repositories represented by the virtual content repository, wherein the namespace includes at least one element, and wherein one of the at least one element can be selected;

providing a second GUI configured to present and to enable editing of content associated with the selected element in the first GUI;

providing a third GUI configured to present and to enable editing of schema associated with the selected element in the first GUI; and

wherein the VCR logically represents the plurality of content repositories as a single content repository; ~~, and~~

wherein each one of the plurality of content repositories represented by the VCR includes a service provider interface (SPI) compatible with the API; and

wherein the SPI enables each one of the plurality of content repositories to be integrated into the VCR.

2. (Canceled).

3. (Previously Presented) The interactive tool of claim 1 wherein:

an element can be one of: 1) a federated root; 2) a content repository; 3) a hierarchy node; 4) a content node; 5) a schema node; 6) a hierarchy node having a schema; and 7) a content node having a schema.

4. (Canceled).

5. (Original) The interactive tool of claim 1 wherein:

the first GUI presents the namespace as a tree.

6. (Original) The interactive tool of claim 3 wherein:

the first GUI can selectively present nodes having only content or schemas.

7. (Original) The interactive tool of claim 1 wherein:

the second GUI can presents all properties and values associated with the selected element in the first GUI.

8. (Original) The interactive tool of claim 1 wherein:

the third GUI can present all property attributes associated with the selected element in the first GUI.

9. (Original) The interactive tool of claim 1 wherein:

the first GUI allows elements to be moved, copied and deleted from the namespace.

10. (Original) The interactive tool of claim 1 wherein:

selection of an element in the first GUI causes the presentation of the second GUI or the third GUI.

11. (Original) The interactive tool of claim 1, further comprising:

providing a fourth GUI configured to present and to enable editing of configuration parameters associated with a selected content repository or root node in the first GUI.

12. (Currently Amended) An interactive tool for viewing and manipulating a virtual content repository (VCR) having an application program interface (API), comprising:

providing a first graphical user interface (GUI) configured to present a hierarchical namespace that spans information in a plurality of content repositories represented by the virtual content repository, wherein the namespace includes at least one element, and wherein one of the at least one element can be selected;

providing a second GUI configured to present and to enable editing of content associated with the selected element in the first GUI;

providing a third GUI configured to present and to enable editing of schema associated with the selected element in the first GUI;

wherein the VCR logically represents the plurality of content repositories as a single content repository; ~~, and~~

wherein each one of the plurality of content repositories represented by the VCR includes a service provider interface (SPI) compatible with the API; and

wherein the SPI enables each one of the plurality of content repositories to be integrated into the VCR.

13. (Canceled).

14. (Previously Presented) The interactive tool of claim 12 wherein:

an element can be one of: 1) a federated root; 2) a content repository; 3) a hierarchy node; 4) a content node; 5) a schema node; 6) a hierarchy node having a schema; and 7) a content node having a schema.

15. (Original) The interactive tool of claim 12 wherein:

the first GUI presents the namespace as a tree.

16. (Original) The interactive tool of claim 14 wherein:

the first GUI can selectively present nodes having only content or schemas.

17. (Original) The interactive tool of claim 12 wherein:

the second GUI can presents all properties and values associated with the selected element in the first GUI.

18. (Original) The interactive tool of claim 12 wherein:

the third GUI can present all property attributes associated with the selected element in the first GUI.

19. (Original) The interactive tool of claim 12 wherein:

the first GUI allows elements to be moved, copied and deleted from the namespace.

20. (Original) The interactive tool of claim 12 wherein:

selection of an element in the first GUI causes the presentation of the second GUI or the third GUI.

21. (Original) The interactive tool of claim 12, further comprising:

providing a fourth GUI configured to present and to enable editing of configuration parameters associated with a selected content repository or root node in the first GUI.

22. (Currently Amended) A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:

provide a first graphical user interface (GUI) configured to present a hierarchical namespace that spans information in a plurality of content repositories represented by a virtual content repository (VCR), wherein the namespace includes at least one element, and wherein one of the at least one element can be selected;

provide a second GUI configured to present and to enable editing of content associated with the selected element in the first GUI;

provide a third GUI configured to present and to enable editing of schema associated with the selected element in the first GUI; and

wherein the VCR logically represents the plurality of content repositories as a single content repository; ~~, and~~

wherein each one of the plurality of content repositories includes a service provider interface (SPI) compatible with an API; and

wherein the SPI enables each one of the plurality of content repositories to be integrated into the VCR.

23. (Canceled).

24. (Previously Presented) The machine readable medium of claim 22 wherein:

an element can be one of: 1) a federated root; 2) a content repository; 3) a hierarchy node; 4) a content node; 5) a schema node; 6) a hierarchy node having a schema; and 7) a content node having a schema.

25. (Canceled)

26. (Original) The machine readable medium of claim 22 wherein:

the first GUI presents the namespace as a tree.

27. (Original) The machine readable medium of claim 24 wherein:
the first GUI can selectively present nodes having only content or schemas.

28. (Original) The machine readable medium of claim 22 wherein:
the second GUI can presents all properties and values associated with the selected element in the first GUI.

29. (Original) The machine readable medium of claim 22 wherein:
the third GUI can present all property attributes associated with the selected element in the first GUI.

30. (Original) The machine readable medium of claim 22 wherein:
the first GUI allows elements to be moved, copied and deleted from the namespace.

31. (Original) The machine readable medium of claim 22 wherein:
selection of an element in the first GUI causes the presentation of the second GUI or the third GUI.

32. (Original) The machine readable medium of claim 22, further comprising instructions that when executed cause the system to:
provide a fourth GUI configured to present and to enable editing of configuration parameters associated with a selected content repository or root node in the first GUI.

33. (Currently Amended) A system for viewing and manipulating a virtual content repository (VCR) having an application program interface (API), comprising:
a means for providing a first graphical user interface (GUI) configured to present a hierarchical namespace that spans a plurality of content repositories represented by the virtual content repository, wherein the namespace includes at least one element, and wherein one of the at least one element can be selected;
a means for providing a second GUI configured to present and to enable editing of content associated with the selected element in the first GUI;
a means for providing a third GUI configured to present and to enable editing of schema associated with the selected element in the first GUI; and

wherein the VCR logically represents the plurality of content repositories as a single content repository; ~~, and~~

wherein each one of the plurality of content repositories represented by the VCR includes a service provider interface (SPI) compatible with the API signal; and

wherein the SPI enables each one of the plurality of content repositories to be integrated into the VCR.

34-44. (Canceled).